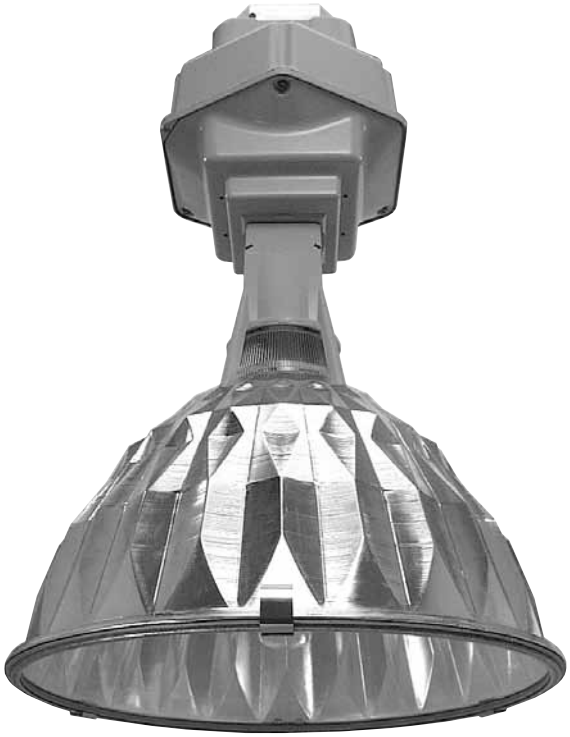
GE
Lighting Solutions

Industrial Lighting

Filterglow™ 1000 (FG6)



imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For over 30 ft. (9 meter) applications in factories, foundries, machine shops, and other industrial environments

Housing

- Symmetrical heavy-duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- c UL Listed to Canadian standards and codes
- UL 1598 Listed Suitable for Damp Locations

Mounting

- Threaded slide-in mounting adapter for easy mounting
- Single casting integral hook/loop and mounting plate is available

Reflectors

- ALGLAS® finish on faceted reflector

Unique Features

- Enclosed and gasketed optics
- Clear tempered doorglass lens
- Charcoal filtered optics
- Unique optical sliding disconnect
- 55° C ambient standard
- In-line EZ Connect™ plugin adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- Adjustable mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical - Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Filterglow™ 1000 (FG6)

FG6 ___ - _ - __ - _ - _ - _ - _ - __ - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
FG6 = Filterglow 1000 Luminaire	**G** = Gray **W** = White	**40** = 400 **75** = 750 **01** = 1000	**E** = Energy Act Compliant Pulse MH (EPMH) **M** = MH **S** = HPS **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60 Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = Systems 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**E7** = Enclosed 22-in. Reflector **E2** Enclosed 22-in. Reflector	**XX** = Select Code Below	**11** = Pendant mounting **12** = Pendant mounting for 1000w HPS Multivolt (Not available with EZ Connect 9-pin plug) **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. Order PED Box (Pendant and Thru Feed Capability) Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug *(Order locking receptacle hook box separately.)* **67** = Pendant, Nut and Hanger Hub Mounting. (For use with "D" or "W", Wet Locations Option, only) **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **Note: ACS** = Flex 3 + **F4** = GELS Bay Flex with 6 ft cord & Hook - Bay Flex GE-LT (no phase selection required) **F5** = GELS Bay Flex with 6 ft cord & Hook - Bay Flex GE HLA (A phase) **F6** = GELS Bay Flex with 6 ft cord & Hook - Bay Flex GE HLA (B phase) **F7** = GELS Bay Flex with 6 ft cord & Hook - Bay Flex GE HLA (C phase)	**A** = 65°C maximum ambient **B** = Time Delay Automatically Switched Quartz D = Severe Duty *(meets Wet Location)* (For use with Mounting Code 67 Only.) **F** = Fusing *(Not available with D or W option)** **G** = Secondary Wiring Access 7/8 in. dia. knockout *(Not available with D or W option)* **K** = Encapsulated Ballast **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **T** = E40 / European Mogul Base Socket **W** = Wet location (For use with Mounting Code 67 only) *Not available with mulitvolt

Photometric Selection Table

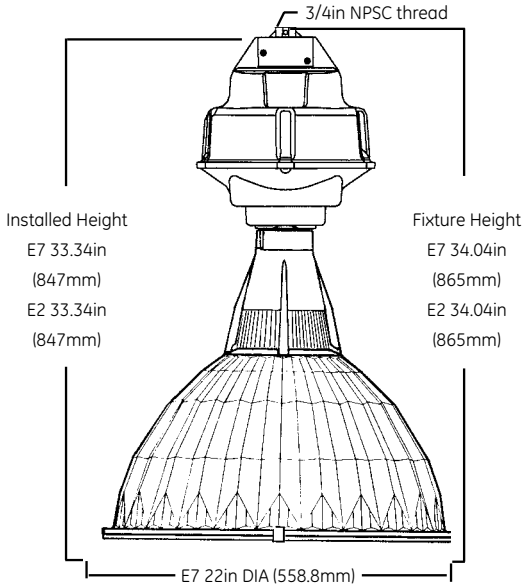
Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
E7 OPTICAL - Enclosed 17 in. Reflector						
400	EPMH	1.1	11	174961	E7	EX
400	EPMH	1.3	9	174962	E7	EU
400	EPMH	1.6	5	177096	E7	EQ
400	EPMH (Coated)	1.0	11	174955	E7	EX
400	HPS	1.0	5	174965	E7	EQ
400	HPS	1.4	3	174966	E7	EO
E2 OPTICAL - Enclosed 22 in. Reflector						
400	EPMH	0.7	7	174959	E2	ES
750	P	0.8	7	451908	E2	ES
750	P	1.0	L	451909	E2	EL
750	P	1.5	G	451911	E2	EG
1000*	MH	1.0	11	174969	E2	EX
1000*	MH	1.5	7	174970	E2	ES
1000*	MH (Coated)	1.3	7	174968	E2	ES
400	HPS	0.7	2	174963	E2	EN
750	HPS	0.9	1	178164	E2	EM
750	HPS	0.8	7	178163	E2	ES
1000	HPS	1.0	7	175275	E2	ES

***Note:** When using 1000 W (PMH) Pulse Metal Halide BT37 lamp, use 400W MH socket positions as listed.

Product Dimensions

DIMENSIONS

- When optical assembly contains a quartz socket (switched or non- switched), an additional 1.125 inches (29mm) must be added to the overall height due to double stack disconnect.
- For Wet Location dimensions 1.72 inches (44mm) must be added to overall height.
- 750 and 1000 watt with "A", 65C Ambient Option, add 2.50 inches to overall height.



Ballast Selection Table

		Ballast Type / Voltage 60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
400	HPS	A	A,D,G,M	A,D,G	A,G	A,H	A,H,M	A,H,M	A,H,M	M
750	HPS	N/A	A,D*	A,D*	N/A	N/A	N/A	N/A	N/A	N/A
1000	HPS**	A	A	A	N/A	A	N/A	N/A	N/A	N/A
400	MH	A	A,D	A,D	A	A	A	A	A	N/A
1000	MH	A	A***,D	A,D	N/A	A	A	A	A	A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
400	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A
750	P (MH)	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* Automatic Switch Quartz Option not available with Bilevel
**1000 watt HPS Multivolt not available with EZ Connect 9-pin plug. Order only with special mounting code 12.
***120, 208 and 240 volt available as Multivolt only.

CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide and HPS available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
4. Multivolt not available.

DATA

- Approximate Net Weight: Ballast and Optical 42-52 lbs (19-24) kgs)

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